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| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) | Attorney Docket Number | 06048 USA |
| | First Named Inventor | Morteza Farnia |
| | COMPLETE IF KNOWN | |
| | Application Number | / |
| | Filing Date | |
| | Group Art Unit | |
| <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) | | Examiner Name |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Copper CVD Precursors With Enhanced Adhesion Properties

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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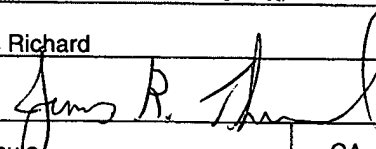
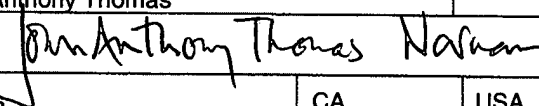
DECLARATION — Utility or Design Patent Application

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| Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | | | 23543 | | OR <input type="checkbox"/> Correspondence address below | |
| Name | | | | | | | |
| Address | | | | | | | |
| Address | | | | | | | |
| City | | | State | | ZIP | | |
| Country | | Telephone | | | Fax | | |
| <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p> | | | | | | | |
| NAME OF SOLE OR FIRST INVENTOR : | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) Morteza | | | | Family Name or Surname Farnia | | | |
| Inventor's Signature <i>Farnia</i> | | | | | | Date <i>1/20/04</i> | |
| Residence: City Campbell | | | CA State | USA Country | | USA Citizenship | |
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| Mailing Address | | | | | | | |
| City Campbell | | CA State | | 95008-6337 ZIP | | USA Country | |
| NAME OF SECOND INVENTOR: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) Robert Sam | | | | Family Name or Surname Zorich | | | |
| Inventor's Signature <i>R. Sam</i> | | | | | | Date <i>1/19/04</i> | |
| Residence: City Carlsbad | | | CA State | USA Country | | USA Citizenship | |
| Mailing Address 6705 Paseo Del Vista 1541 LIVE OAK RD #141 | | | | | | | |
| Mailing Address | | | | | | | |
| City Carlsbad | | CA State | | 92009 ZIP | | USA Country | |
| <input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto. | | | | | | | |

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (11-00)
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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u> |
|--------------------|---|

| | | | |
|--|----------|---|---------------------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| James Richard | | Thurmond | |
| Inventor's Signature  | | Date <u>12/18/2003</u> ✓ | |
| Residence: City | CA State | USA Country | USA Citizenship |
| Temecula | | | |
| Mailing Address 39811 Knoll Ridge | | | |
| Mailing Address | | | |
| City | CA State | ZIP | USA Country |
| Temecula | | 92591 | USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| John Anthony Thomas | | Norman | |
| Inventor's Signature  | | Date <u>Dec 18 2003</u> ✓ | |
| Residence: City | CA State | USA Country | Great Britain Citizenship |
| Encinitas | | | |
| Mailing Address 709 West Bluff Drive | | | |
| Mailing Address | | | |
| City | CA State | ZIP | USA Country |
| Encinitas | | 92024 | USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| | | | |
| Inventor's Signature | | Date | |
| Residence: City | | State | Citizenship |
| | | | |
| Mailing Address | | | |
| Mailing Address | | | |
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STATEMENT UNDER 37 CFR 3.73(b)Applicant/~~Patent Owner~~: Morteza Farnia

Application No./Patent No.: _____ Filed/Issue Date: _____

Entitled: Copper CVD Precursors With Enhanced Adhesion PropertiesAir Products and Chemicals, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

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2. From: _____ To: _____

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3. From: _____ To: _____

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☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 30, 2004
Date

Mark L. Rodgers

Typed or printed name

Mark L. Rodgers
Signature

Assistant General Counsel, Patents

Title

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| | |
|------------------------|--------------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Morteza Farnia |
| Title | Copper CVD Precursors... |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 06048 USA |

I hereby appoint:

☒ Practitioners at Customer Number:

23543

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
| | |
| | |
| | |
| | |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name Mark L. Rodgers

Signature *Mark L. Rodgers*

Date January 30, 2004

Telephone 610-481-8817

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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